

file name: C:\SCHTUFF\MASS_BAY\MBLT_REPORT\PLOTS\c6832.txt

date: 31-Oct-2003

nobs = 2493, ngood = 2492, record length (days) = 103.88

start time: 09-May-2000 18:39:25

rayleigh criterion = 1.0

Greenwich phase computed with nodal corrections applied to amplitude \n and phase relative to center time

x0= -2.1, x trend= 0

var(x)= 37.47 var(xp)= 16.8642 var(xres)= 20.4536

percent var predicted/var original= 45.0 %

y0= 0.542, x trend= 0

var(y)= 9.2277 var(yp)= 4.2214 var(yres)= 4.9991

percent var predicted/var original= 45.7 %

ellipse parameters with 95% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	1.173	1.388	-0.059	0.63	161.32	20.27	73.13	88.07	0.71
MSF	0.0028219	0.408	1.172	0.037	0.66	50.72	41.24	70.11	187.50	0.12
ALP1	0.0343966	0.252	0.362	-0.181	0.31	1.87	76.87	14.97	168.68	0.49
2Q1	0.0357064	0.348	0.463	-0.040	0.29	5.51	46.92	73.63	92.50	0.57
Q1	0.0372185	0.199	0.353	-0.055	0.29	170.80	73.06	183.06	167.73	0.32
O1	0.0387307	0.519	0.470	-0.018	0.40	39.85	46.59	228.33	60.48	1.2
N01	0.0402686	0.375	0.693	0.191	0.65	54.80	92.71	108.23	151.67	0.29
K1	0.0417807	0.713	0.568	-0.335	0.35	6.15	50.26	119.98	67.58	1.6
J1	0.0432929	0.289	0.404	-0.096	0.25	4.91	65.75	23.74	125.18	0.51
OO1	0.0448308	0.233	0.516	-0.174	0.50	58.62	101.38	81.49	159.04	0.2
UPS1	0.0463430	0.293	0.514	-0.044	0.38	12.38	63.46	196.65	132.20	0.33
EPS2	0.0761773	0.260	0.285	-0.012	0.26	36.92	69.27	201.09	83.97	0.83
MU2	0.0776895	0.363	0.343	-0.165	0.27	161.97	63.98	50.99	88.33	1.1
*N2	0.0789992	1.070	0.380	0.238	0.34	32.74	19.79	342.82	21.64	7.9
*M2	0.0805114	6.189	0.397	0.436	0.30	25.48	2.84	326.97	3.86	2.4e+002
L2	0.0820236	0.336	0.266	-0.002	0.22	6.57	38.68	327.94	61.49	1.6
*S2	0.0833333	0.941	0.358	-0.013	0.33	33.88	23.51	300.94	26.32	6.9
ETA2	0.0850736	0.227	0.262	-0.019	0.30	120.55	105.09	5.67	112.65	0.75
MO3	0.1192421	0.116	0.182	-0.107	0.17	120.77	127.65	33.05	148.05	0.41
M3	0.1207671	0.112	0.171	-0.027	0.15	31.62	97.65	354.10	116.01	0.43
MK3	0.1222921	0.221	0.190	0.009	0.17	114.73	57.48	291.15	58.69	1.3
SK3	0.1251141	0.114	0.166	0.004	0.15	44.76	101.85	91.88	102.28	0.47
*MN4	0.1595106	0.303	0.153	-0.153	0.14	13.39	49.88	0.37	57.38	3.9
*M4	0.1610228	0.521	0.192	-0.265	0.16	8.84	29.49	5.15	29.31	7.4
SN4	0.1623326	0.204	0.156	-0.007	0.15	18.16	49.97	55.34	64.30	1.7
MS4	0.1638447	0.131	0.145	-0.015	0.14	41.89	78.85	326.64	89.85	0.82
S4	0.1666667	0.188	0.157	-0.107	0.15	13.08	73.89	196.81	81.19	1.4
2MK5	0.2028035	0.081	0.110	-0.014	0.10	64.29	105.11	291.99	123.90	0.53
2SK5	0.2084474	0.078	0.112	-0.051	0.11	17.53	121.82	62.93	132.44	0.49
*2MN6	0.2400221	0.444	0.145	-0.086	0.15	63.08	21.13	70.36	18.21	9.4
*M6	0.2415342	0.471	0.136	-0.059	0.14	50.63	16.39	64.80	15.80	12
*2MS6	0.2443561	0.338	0.133	-0.022	0.13	50.21	25.78	61.72	23.12	6.4
2SM6	0.2471781	0.061	0.104	-0.035	0.11	65.27	125.83	52.61	133.49	0.34
3MK7	0.2833149	0.067	0.069	-0.010	0.08	103.26	84.94	195.84	78.53	0.94
*M8	0.3220456	0.107	0.055	-0.075	0.05	34.48	65.73	127.58	66.50	3.8

total var= 46.6977 pred var= 21.0856

percent total var predicted/var original= 45.2 %